

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of \_\_\_\_\_:  
Huang, et al.

Group Art Unit: 1752

Serial No.: 10/537,259

Examiner: Geraldine Letscher

Filed: 05/31/2005

Confirmation No.: 1422

TITLE: High Sensitivity Resist Compositions  
For Electron-Based Lithography

Date: 08/24/2006

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure set forth in 37 C.F.R. § 1.56, and further pursuant to the provisions of 37 C.F.R. §§ 1.97 and 1.98, applicants hereby respectfully submit Abstracts of the Foreign Patents as listed on Form PTO-1449, attached hereto.

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

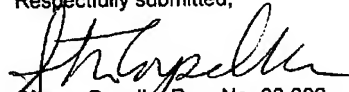
In citing these documents, no representation is made nor intended as to the pertinency or non-pertinency of the art, that better art than that listed is not available, or that other art is not applicable. No fee is believed to be due for this submission. If any fees are required, however, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 09-0458.

**CONCLUSION**

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned agent may be reached by telephone at (845)894-3669. All correspondence should continue to be directed to the address listed below.

Respectfully submitted,

  
Steven Capella, Reg. No. 33,086  
Attorney for Applicant.

International Business Machines Corporation  
2070 Route 52  
Bldg. 321 / Zip 482  
Hopewell Junction, NY 12533

|  |  |   |
|--|--|---|
| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i> | Docket Number (Optional)<br><b>FIS920020051US1</b> | Application Number<br><b>10/537,259</b> |
|  | Applicant(s)<br><b>Huang, et al.</b>               |   |
|  | Filing Date<br><b>05/31/2005</b>                   | Group Art Unit<br><b>1752</b>           |

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------|------|-------|----------|-------------------------------|
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |

**U.S. PATENT APPLICATION PUBLICATIONS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------|------|-------|----------|-------------------------------|
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |
|                      |     |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| REF | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----|-----------------|------------|---------|-------|----------|-------------|----|
|     |                 |            |         |       |          | YES         | NO |
|     | PUPA 09-323970  | 1997-12-16 | JP      |       |          | ✓           |    |
|     | PUPA 08-248626  | 1996-09-27 | JP      |       |          | ✓           |    |
|     | PUPA 10-007650  | 1998-01-13 | JP      |       |          | ✓           |    |
|     | PUPA 09-160244  | 1997-06-20 | JP      |       |          | ✓           |    |
|     | PUPA 06-043653  | 1994-02-18 | JP      |       |          | ✓           |    |

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|     |                 |      |         |       |          |             |
|-----|-----------------|------|---------|-------|----------|-------------|
| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |
|     |                 |      |         |       |          |             |
|     |                 |      |         |       |          |             |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |     |                  |            |  |       |   |                               |    |
|---|-----|------------------|------------|--|-------|---|-------------------------------|----|
| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i>  |     |                  |            | Docket Number (Optional)<br><b>FIS920020051US1</b> |       | Application Number<br><b>10/537,259</b> |                               |    |
|   |     |                  |            | Applicant(s)<br><b>Huang, et al.</b>               |       |   |                               |    |
|   |     |                  |            | Filing Date<br><b>05/31/2005</b>                   |       | Group Art Unit<br><b>1752</b>           |                               |    |
| <b>U.S. PATENT DOCUMENTS</b>  |     |                  |            |  |       |   |                               |    |
| *EXAMINER<br>INITIAL  | REF | DOCUMENT NUMBER  | DATE       | NAME   | CLASS | SUBCLASS                                | FILING DATE<br>IF APPROPRIATE |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
| <b>U.S. PATENT APPLICATION PUBLICATIONS</b>   |     |                  |            |  |       |   |                               |    |
| *EXAMINER<br>INITIAL  | REF | DOCUMENT NUMBER  | DATE       | NAME   | CLASS | SUBCLASS                                | FILING DATE<br>IF APPROPRIATE |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>   |     |                  |            |  |       |   |                               |    |
|   | REF | DOCUMENT NUMBER  | DATE       | COUNTRY  | CLASS | SUBCLASS                                | Translation                   |    |
|   |     |                  |            |  |       |   | YES                           | NO |
|   |     | PUPA 2001-209181 | 2001-08-03 | JP   |       |   | ✓                             |    |
|   |     | PUPA 09-222724   | 1997-08-26 | JP   |       |   | ✓                             |    |
|   |     | PUPA 2000-019732 | 2000-01-21 | JP   |       |   | ✓                             |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
| <b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>  |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
|   |     |                  |            |  |       |   |                               |    |
| EXAMINER  |     |                  |            | DATE CONSIDERED                                    |       |   |                               |    |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |     |                  |            |  |       |   |                               |    |